

FIG. 1
CONVENTIONAL ART

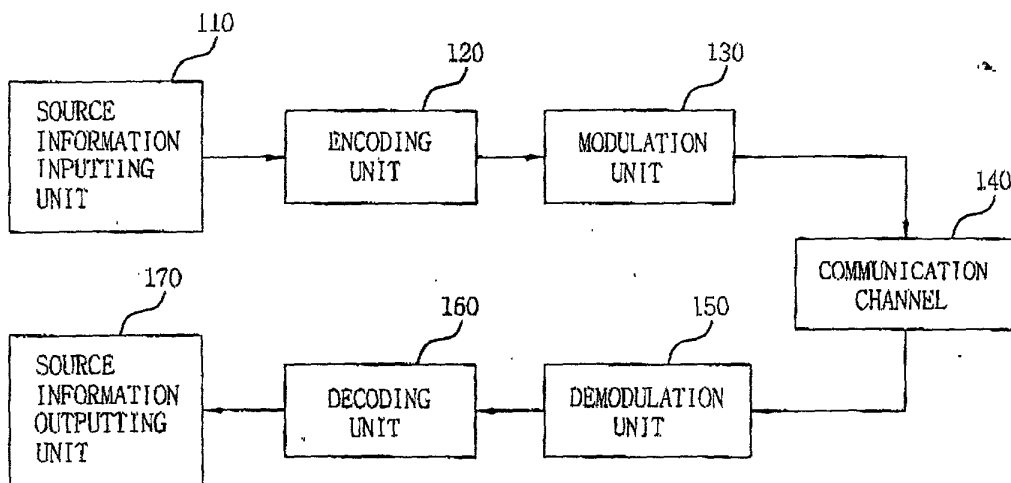


FIG. 2
CONVENTIONAL ART

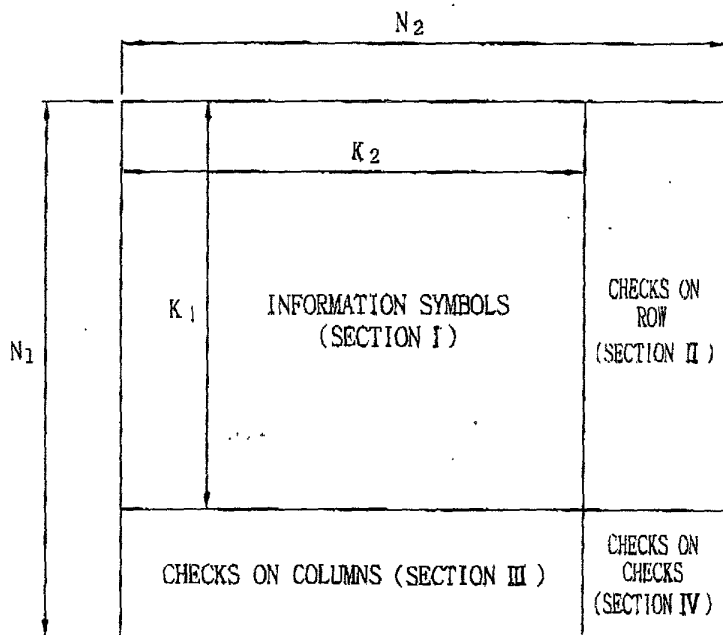


FIG. 3

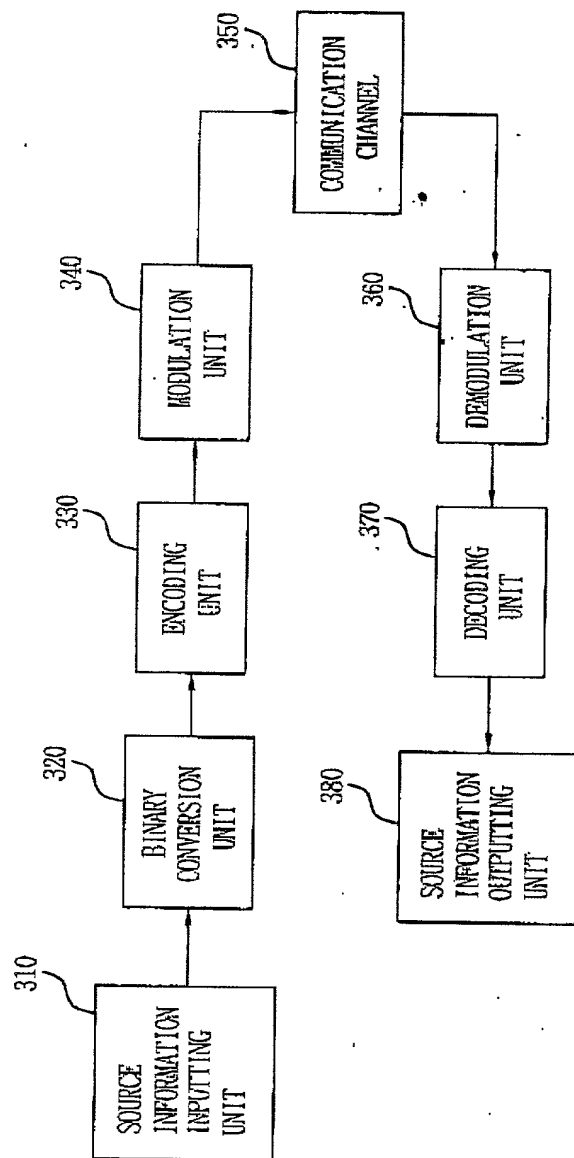


FIG. 4

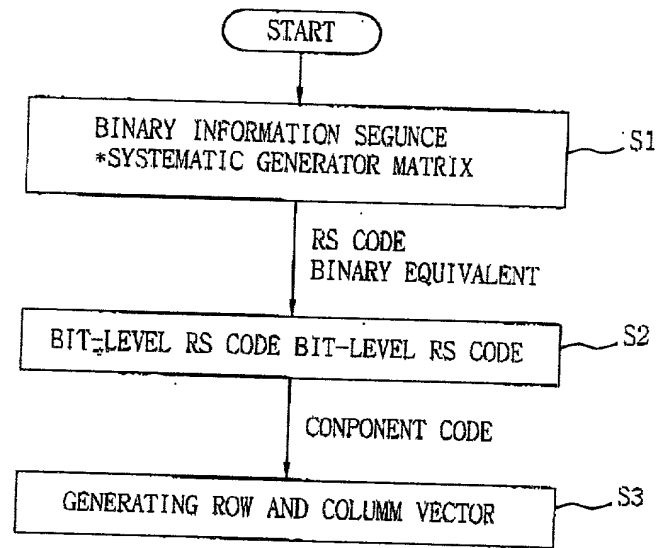


FIG. 5

$$G_b = \begin{bmatrix} \begin{bmatrix} \alpha^{m-1} & g_{00} \\ \vdots & \vdots \\ \alpha^0 & g_{00} \end{bmatrix} & \dots & \begin{bmatrix} \alpha^{m-1} & g_{0N-1} \\ \vdots & \vdots \\ \alpha^0 & g_{0N-1} \end{bmatrix} \\ \vdots & \ddots & \vdots \\ \begin{bmatrix} \alpha^{m-1} & g_{K-1,0} \\ \vdots & \vdots \\ \alpha^0 & g_{K-1,0} \end{bmatrix} & \dots & \begin{bmatrix} \alpha^{m-1} & g_{K-1N-1} \\ \vdots & \vdots \\ \alpha^0 & g_{K-1N-1} \end{bmatrix} \end{bmatrix}$$

FIG. 6

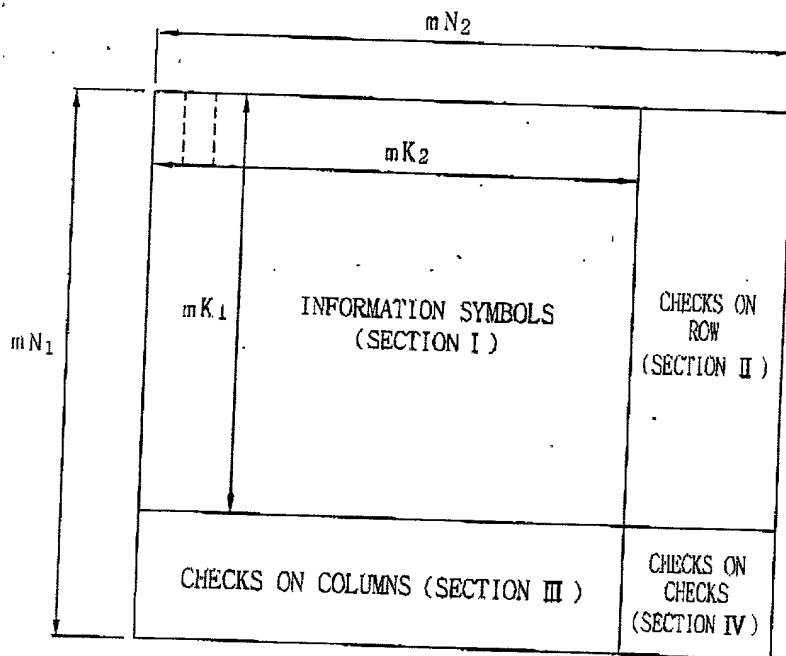


FIG. 7

<div><div>①</div><div>0 0 0 0 $\alpha^4 \alpha$</div><div>0 1 0 0 0 $\alpha^5 \alpha$</div><div>0 0 1 0 0 $\alpha^5 \alpha^3$</div><div>0 0 0 1 0 1 1</div><div>0 0 0 0 1 $\alpha^4 \alpha^3$</div></div>	BINARY EQUIVALENT	<div><div>100000000</div><div>010000000</div><div>001000000</div><div>000100000</div><div>000010000</div><div>000001000</div><div>000000100</div><div>000000010</div><div>000000001</div><div>000000000</div><div>000000000</div><div>000000000</div><div>000000000</div><div>000000000</div><div>000000000</div></div> <div><div>00000101011</div><div>00000111100</div><div>00000110010</div><div>00000001011</div><div>00000101100</div><div>00000111010</div><div>00000001111</div><div>00000101110</div><div>00000111011</div><div>00000100100</div><div>10000010010</div><div>01000001001</div><div>00100101111</div><div>00010111110</div><div>00001110011</div></div>
G FOR(7,5)RS CODE		G ^b FOR(7,5)RS CODE

FIG. 8

